

Electrical Generation Specifications

SOLAR TURBINES, SAN DIEGO, CALIFORNIA, U.S.A.

MODEL	POWER RATING ISO Base Load (MWe)	GROSS HEAT RATE Lower Heating Value (LHV) (Btu/kWh)	POWER SHAFT SPEED (RPM)	PRESSURE RATIO	NUMBER OF COMBUSTORS	AT ISO BASE LOAD		
						Turbine Inlet Temp. (°C)	Exhaust Flow (lbs/sec)	Exhaust Temp (°F)
Saturn 20	1.2	14,810	1,800	6.7	1 (annular)	—	14.3	945
Centaur 40	3.5	12,910	1,800	10.1	1 (annular)	—	41.6	830
Centaur 50	4.6	11,630	1,800	10.6	1 (annular)	—	41.8	950
Mercury 50	4.6	8,865	1,800	9.9	1 (annular)	—	39	690
Taurus 60	5.7	10,830	1,800	9.9	1 (annular)	—	48	950
Taurus 65	6.5	10,295	1,800	15	1 (annular)	—	47.1	1000
Taurus 70	8.2	9,920	1,800	17.6	1 (annular)	—	59.2	970
Mars 100	11.4	10,365	1,800	17.7	1 (annular)	—	93.1	905
Titan 130	16.5	9,605	1,800	17.1	1 (annular)	—	124	915
Titan 250	23.1	8,775	1,800	24.1	1 (annular)	—	153.9	865
Titan 350	38	8,495	1,800	—	1 (annular)	—	237.5	910
MOBILE POWER UNIT								
Taurus 60 MPU	5.7	10,830	1,800	9.9	1 (annular)	—	48	950
Titan 130 MPU	16.5	9,605	1,800	17.1	1 (annular)	—	124	915

Estimates are for natural gas fuel. Zero installation losses

*combustor water injection **combustor water injection, transportable ***combustor water injection, wet compression, inlet fogging